FORM PTO-1390 (Modified) (REV 11-2000)

OF COMMERCE PATENT AND TRADEMARK OFFICE

P23;55-A USA

TP FRANSMITTAL LETTER TO THE UNITED STATES SIGNATED/ELECTED OFFICE (DO/EO(US) NCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL FILING DATE

869685-PRIORITY DATE CLAIMED 30 December 1998 (30.12.98)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

| INIE                 | CNATI       | IOML APPLICATION NO.   | INTERNATIONAL FILING DATE 30 December 1999 (30.12.99) | PRIORITY DATE CLAIMED  30 December 1998 (30.12.98) |
|----------------------|-------------|--|---|--|
| AAbl                 | MAN         | VENTION  |   |  |
| PRE                  | DIC         | IIVE METHODS BASED   | ON ALPHA-1-ACID GLYCOPROTE                            | in Levels /  |
|                      |             | T(S) FOR DO/EO/US  |   |  |
| Rene                 | Bru         | no   | •   |  |
|                      |             |  |   |  |
| Appli                | cant h      | nerewith submits to the United S                                   | States Designated/Elected Office (DO/EO/US            | ) the following items and other information:       |
| 1.                   | ×           | This is a FIRST submission of                                      | f items concerning a filing under 35 U.S.C. 3         | 71.  |
| 2.                   |             | This is a SECOND or SUBSE  | QUENT submission of items concerning a fi             | ling under 35 U.S.C. 371.                          |
| 3.                   | ×           | This is an express request to be (6), (9) and (24) indicated below | egin national examination procedures (35 U.Sow.       | S.C. 371(f)). The submission must include itens    |
| 4.                   | X           | The US has been elected by the                                     | e expiration of 19 months from the priority da        | ate (Article 31).                                  |
| <b>⊒</b> 5′.         | $\boxtimes$ | A copy of the International App                                    | plication as filed (35 U.S.C. 371 (c) (2))            |  |
|                      |             | a. 🗵 is attached hereto (re-                                       | quired only if not communicated by the Inter          | national Bureau).                                  |
| <del>l</del> i<br>Ti |             | b.   has been communicated.  | ted by the International Bureau.                      |  |
| ñ                    |             | c. $\square$ is not required, as the                               | e application was filed in the United States Re       | eceiving Office (RO/US).                           |
|                      |             | An English language translation                                    | on of the International Application as filed (35      | 5 U.S.C. 371(c)(2)).                               |
| D                    |             | a.  is attached hereto.  |   | -  |
| F                    |             | b.   has been previously s   | submitted under 35 U.S.C. 154(d)(4).                  | •  |
| <u>.</u> 7.          | $\boxtimes$ | Amendments to the claims of t                                      | he International Application under PCT Artic          | cle 19 (35 U.S.C. 371 (c)(3))                      |
|                      |             | a.   are attached hereto (r  | equired only if not communicated by the Inte          | rnational Bureau).                                 |
| ]  <br>4             | -           | b.  have been communicated   | ated by the International Bureau.                     |  |
| ¥<br>A               |             | c.  have not been made;  | however, the time limit for making such ame           | ndments has NOT expired.                           |
|                      |             | d. 🗵 have not been made a  | ind will not be made.                                 |  |
| 8                    |             |  | on of the amendments to the claims under PC           |  |
| 9.                   | $\bowtie$   |  | nventor(s) (35 U.S.C. 371 (c)(4)). (execut            | •  |
| 10.                  |             | Article 36 (35 U.S.C. 371 (c)                                      |   | •  |
| 11.                  | $\boxtimes$ |  |   | 9), mailed 12 April 2001 (12.0                     |
| 12.                  | $\times$    | A copy of the International Sea                                    | arch Report (PCT/ISA/210)., mailed 29                 | June 2000 (29.06.00).                              |
| It                   | ems 1       | 13 to 20 below concern docume                                      | ent(s) or information included:                       |  |
| 13.                  |             | An Information Disclosure Sta                                      | atement under 37 CFR 1.97 and 1.98.                   |  |
| 14.                  | ×           | An assignment document for re                                      | ecording. A separate cover sheet in complian          | ice with 37 CFR 3.28 and 3.31 is included.         |
| 15.                  |             | A FIRST preliminary amendn   | nent.   |  |
| 16.                  |             | A SECOND or SUBSEQUEN  | IT preliminary amendment.                             | ₹ <sup>*</sup>                                     |
| 17.                  |             | A substitute specification.  |   |  |
| 18.                  |             | A change of power of attorney                                      | and/or address letter.                                |  |
| 19.                  |             | A computer-readable form of t                                      | he sequence listing in accordance with PCT I          | Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.          |
| 20.                  |             | A second copy of the published                                     | d international application under 35 U.S.C. 1:        | 54(d)(4).  |
| 21.                  |             | A second copy of the English I                                     | anguage translation of the international appli        | cation under 35 U.S.C. 154(d)(4).                  |
| 22.                  | ×           | Certificate of Mailing by Expr-                                    | ess Mail, dated 29 June 2001 (2                       | 29.06.01).   |
| 23.                  |             | Other items or information:  |   | •  |

JC18 Rec'd PCT/PTO 2 9 JUN 2001

| U.S           | . APPLICAT   | PPLICATION NO. (IF KNOWN 7 CER 1.5) INTERNATIONAL APPLICATION NO.  PCT/US99/31284 |                 |                         |                      |                       |  | ATTORNEY'S DOCKET NUMBER P23,565-A USA |                               |             |                 |  |  |
|---------------|--|---|-----------------|-------------------------|----------------------|-----------------------|--|--|-------------------------------|-------------|-----------------|--|--|
| -             |  | 0 /   | / (             | 00/                     | <u> </u>             |                       | PC1/0  | 399/3128                               | 54                            | <del></del> | F23,3           | 03-A USA   |  |
| 24.           |  |   | _               | ees are s               |                      |                       |  |  |                               | CA          | LCULATION       | S PTO USE ONLY   |  |
|               | internat   | interna<br>tional se  | itiona<br>earch | l prelimit<br>fee (37 C | nary exa<br>CFR 1.4  | minatio<br>45(a)(2)   | · <b>(5)):</b><br>n fee (37 CFR 1.482)<br>) paid to USPTO<br>l by the EPO or JPO . |  | \$1000.0                      | 0           |                 |  |  |
| ٥             | <ul> <li>✓ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO</li></ul>   |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
|               | ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO   |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
|               | International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)  |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
|               | ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)  |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
|               | ENTER APPROPRIATE BASIC FEE AMOUNT =   |   |                 |                         |                      |                       |  |  |                               |             | \$860.00        |  |  |
| Suro          | charge of \$<br>oths from th   | 130.00 f<br>ne earlie   | for fu          | rnishing<br>imed pri    | the oath<br>ority da | or declar<br>te (37 C | aration later than<br>CFR 1.492 (e)).  | □ 20                                   | 0 🗆 30                        |             | \$0.00          |  |  |
| , C           | CLAIMS   |   |                 | NUMBE                   | R FILE               | D                     | NUMBER EXT   | ΓRA                                    | RATE                          |             |                 |  |  |
| Tota          | al claims  |   |                 | 29                      | - 2                  | 0 =                   | 9  |  | x \$18.00                     |             | \$162.00        |  |  |
| Inde          | ependent cl  | aims  |                 | 3                       | ŝ.                   | 3 =                   | 0  |  | x \$80.00                     |             | \$0.00          |  |  |
| Mul           | ltiple Depe  | ndent C   | laims           |                         |                      |                       |  |  |                               |             | \$0.00          |  |  |
| ق             |  |   |                 |                         | <del>:</del> -       |                       | ABOVE CALO   |  |                               |             | \$1,022.00      |  |  |
| Ō<br>O □<br>N | Applicant<br>reduced b   | claims<br>y 1/2.  | smal            | l entity st             | tatus. (S            | See 37 C              | FR 1.27). The fees in  | dicated ab                             | ove are                       |             | \$0.00          |  |  |
|               |  |   |                 |                         | : 1<br>14.           |                       |  | SUB                                    | TOTAL =                       |             | \$1,022.00      |  |  |
| Proc<br>Imor  | cessing fee<br>oths from th  | of \$130<br>ne earlie   | .00 fo          | or furnish<br>imed pri  | ning the<br>ority da | English<br>ite (37 C  | translation later than<br>FR 1.492 (f)).   | □ 20                                   | 0 🗆 30 +                      |             | \$0.00          |  |  |
| in the second |  |   |                 |                         | Ą                    |                       | TOTAL NAT  | IONAI                                  | LFEE =                        |             | \$1,022.00      |  |  |
| Fee<br>acco   | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  |   |                 |                         |                      |                       |  |  |                               |             | \$40.00         | and the second s |  |
| Ų.            | TOTAL FEES ENCLOSED =  |   |                 |                         |                      |                       |  |  |                               |             | \$1,062.00      |  |  |
|               | · /  |   |                 |                         |                      |                       |  | Am                                     | ount to be:<br>refunded       | \$          |                 |  |  |
| =             |  |   |                 |                         | 1                    |                       |  |  |                               |             | charged         | \$   |  |
|               | a. 🗶   | A check   | k in tl         | he amour                | nt of                | \$1,062               | 2.00 to cover the  | above fee                              | s is enclosed.                |             |                 | ,  |  |
| ŀ             | р. П   | Please  | charg           | e my Dep<br>copy of th  | posit Ac             | count N               | o  |  | ount of                       |             | to cover t      | he above fees.   |  |
| '             | c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-5425 A duplicate copy of this sheet is enclosed.                           |   |                 |                         |                      |                       |  |  |                               |             |                 | overpayment  |  |
| (             | d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
| NO<br>1.13    | TE: Whei   | re an ap  | prop<br>be fil  | riate tim               | ne limit             | under 3               | 37 CFR 1.494 or 1.49<br>ore the application to                                     | 95 has not                             | been met, a p                 | etition     | to revive (37 C | FR   |  |
| 1             | ND ALL CO  |   |                 | -                       |                      | to resto              |  | penama                                 | 04 1                          | a11         | 2               |  |  |
| JOLA          | TE PALE CO   | JIGGE 51  | 0111            | DEIVEL I                |                      | ;                     |  | 1                                      | Much                          |             | 7               |  |  |
|               | Patrick J. Kelly SIGNATUR  |   |                 |                         |                      |                       |  |  |                               |             |                 |  |  |
|               | SYNNESTVEDT & LECHNER LLP 2600 Aramark Tower   |   |                 |                         |                      |                       |  |  | Patrick J. Kelly              |             |                 |  |  |
|               | 01 Market  |   | -1              |                         | 7                    |                       |  |  | NAME                          | <i>(</i>    |                 |  |  |
|               | iladelphia,  | _   | _               |                         | 7-2950               |                       |  |  | 34,638                        |             |                 |  |  |
|               | Telephone: 215-923-4466 Facsimile: 215-923-2189  |   |                 |                         |                      |                       |  | _                                      | REGISTRATION NUMBER           |             |                 |  |  |
|               |  |   |                 |                         |                      |                       |  |  | 1 (29.06.01)                  |             |                 |  |  |
|               | i  |   |                 |                         |                      |                       |  |  | 29 June 2001 (29.06.01)  DATE |             |                 |  |  |
|               |  |   |                 |                         | 3                    |                       |  |  | DAIL                          |             |                 |  |  |

## "EXPRESS MAIL" (37 CFR 1.1 CERTIFICATE OF MAILING Applicant(s): Rene Bruno P23,565-A USA Serial No. Filing Date Examiner **Group Art Unit** To be determined 29 June 2001 (29.06.01) To be determined To be determined Invention: PREDICTIVE METHODS BASED ON ALPHA-1-ACID GLYCOPROTEIN LEVELS I hereby certify that the following correspondence: U.S. National Phase Application (including transmittal letter to U.S. Designated/Elected Office and supporting papers) (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 29 June 2001 (29.06.01) (Date) Douglas M. Cook (Typed or Printed Name of Person Mailing Correspondence) EL663032227US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.